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## Gallatin City-County Health Department

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### Communicable Disease Report March 30, 2009

#### Gallatin County Weekly Communicable Disease Report 3/19/09-3/24/09:

##### Reportable :

2 Chlamydia  
1 Hepatitis C  
2 Dog Bite  
9 Influenza A  
7 Influenza B  
1 Cat Bite

##### Non- Reportable :

32 Streptococcus  
2 Mononucleosis

**Gallatin City-County Health Department Update:** Investigation of the meningococcal disease case, reported March 26, resulted in the identification of 27 close contacts, all of whom have been treated. No additional cases have been reported.

#### **Montana Communicable Disease Weekly Update: 03/20/09 Summary – Week 10–**

Reports received at DPHHS March 8-14 included campylobacteriosis, cryptosporidiosis, giardiasis, salmonellosis, meningococcal disease, invasive *Streptococcus pneumoniae* infection and varicella. The two unrelated meningococcal disease cases occurred in Cascade (15 y/o) and Gallatin (19 y/o) counties; both have recovered.

**Influenza**– Montana's influenza activity is WIDESPREAD. As of 03/20/09 there were 193 MPHL PCR confirmed cases that had been typed (41% A:H1, 21.2% A:H3 and 37.8% B). All three subtypes continue to be isolated. There are a few isolates for which we have received results from the CDC on antiviral susceptibility testing: one A:H3 is resistant to adamantanes; all the A:H1s are resistant to oseltamivir; and all the Bs are all susceptible to both oseltamivir and zanamivir. This is consistent with the national resistance data. Nationally, activity is decreasing; however, the season has seen an increase in the proportion of influenza B viruses, the one type of flu that is not very well-matched by this year's vaccine. All the A/H1N1 and A/H3N2 isolates tested so far have been related to the corresponding strains in the vaccine.

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